Vertical Autoclave LX483VA

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Description

Vertical Autoclave LX483VA is a pulsating vacuum autoclave made of a fully stainless structure with an electrical heater along with a temperature and pressure controller and a smart design with a user-friendly hand wheel type door structure. It’s equipped with a self-inflating seal for protection from leakage, a safety and releasing valve, 0.22µm bacteria filter, beep alarm indication after sterilization process and auto power cut off, microcomputer controlled, digital display for work stats and touch type screen for friendly operation. It’s ideal equipment for the sterilization of glass wares, biological materials, fabrics and culture media in clinical laboratories, research centers, schools, colleges and universities, and the healthcare industry.

Specifications

Volume	100 Liters
Control	Microprocessor
Display	LCD color touch screen
Chamber volume	Φ386 x 860 mm
Design pressure	-0.1/0.3 Mpa
Working pressure	0.23 Mpa
Max. temperature	138°C
Working temperature range	105 - 138℃
Vacuum rate	-0.096 Mpa
Time for sterilization	0 - 99 min
Time for drying	0 - 99 min
Temperature accuracy	0.1℃
Pressure display accuracy	0.1 KPa
Temperature uniformity	≤ 0.5°C
Power	5.4KW, 220-240V, 50/60Hz, Single-phase
Product dimension	566 x 708 x 1295 mm
Net weight	120 kg
Packing dimension	720 x 820 x 1450 mm

Gross weight	140 kg

Features

- Microprocessor control with 4.3 inch LCD color touch screen display to show the working status: pressure, time, temperature, error code, and touch type key
- Having 2 sterilization baskets
- Automatic system for pulse vacuum, water inlet, heating, draining, sterilizing, exhausting air and drying
- Unique pulse vacuum drying procedure with vacuum rate of -0.096 Mpa, ensures the high extraction of inner air from dressing, A, B type hollowed appliance
- Preset program: 5 cycles. User-defined program: 4 cycles. Test programs (Bowie & Dick test, Vacuum leakage test)
- Digital display of temperature, pressure, time and vacuum with touch keypad
- Automatic system for pulse vacuum, water inlet, heating, draining, sterilizing, exhausting air and drying
- Three-time pulse vacuum with vacuum rate -0.081 Mpa, ensure the high extraction of inner air from dressing, A, B type hollowed appliance
- Equipped with 4 pre-set programs, 1 user-defined program, and test programs (Bowie & Dick test, Vacuum leakage test)
- PT/TT testing connector for easy testing
- Equipped with 0.22µm bacteria filter which ensures the sterile air enters the inner vacuum environment
- Equipped with an independent steam generator with high heating efficiency
- Advanced steam water inner circulation system
- Features like heat protection, Anti-dry heating, safety interlock door, Over-Temperature, pressure and current protection, Automatic release safety valve, Electric safety protection device and emergency exhaust switch for a safe and effective sterilizing process
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- Built-in printer, USB port

Applications

- Vertical Autoclave is used in Biotechnology, microbiology, the medical and healthcare industry, scientific research centers, schools, colleges, and universities for the sterilizing process.

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